

ALADDIN SCIENTIFIC CORPORATION

14078 Meridian Parkway, Riverside, CA. 92518

## Certificate of Analysis

Date of Testing: 2022-05-12 14:10:08

Date of Next Testing: 2025-05-11 14:10:08

Product Name: **Phosphazene base P<sub>1</sub>-t-Bu-tris(tetramethylene)**

CAS Number: 161118-67-8

Specifications & Purity: ≥97%(NT)

Lot #: E2210163

SKU #: **P167679**

Version: **1**

Analysis #: **083303**

Storage Temperature: Store at 2-8°C

| Parameter                           | Limit Values          | Result                |
|-------------------------------------|-----------------------|-----------------------|
| Purity(NonaqueousTitration)         | 97-102.5 (%)          | 100.58000 %           |
| Refractive index n <sub>20</sub> /D | 1.508-1.51            | 1.50930               |
| Proton NMR spectrum                 | Conforms to Structure | Conforms to Structure |

A handwritten signature in black ink that reads "John Su".

John Su  
QA & QC Manager